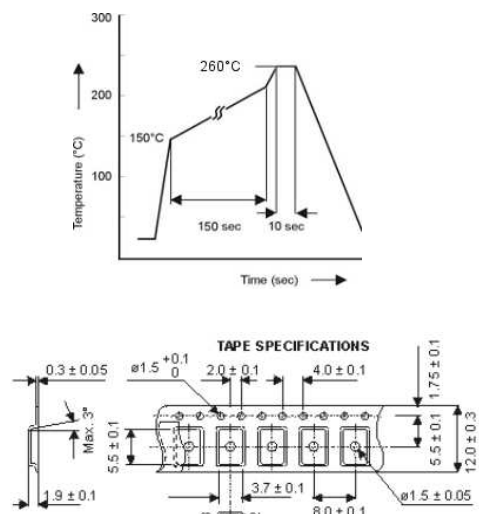
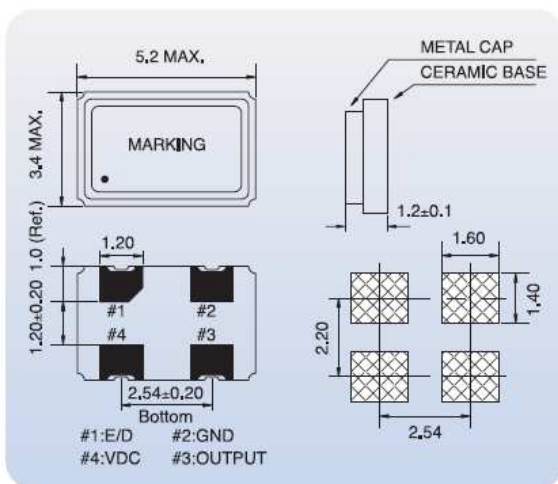


IO 16

Clock Oscillator 5,0 V

Dimensions l/w/h (max)	5,2 mm x 3,4 mm x 1,2 mm		
Frequency range	0,5 MHz to 156,0 MHz		
Operating Temperature	Refer to Ordering Guidance		
Frequency Stability in Operating Temp. Range	Refer to Ordering Guidance		
Power supply voltage	5,0 V		
Storage Temperature	-55°C to +125°C		
Output level	CMOS	TTL	
Output symmetry	40-60% at 50%VDD		40-60% at 1,4 VDC
Rise & Fall Time	0,5 MHz -31,99 MHz	10 nS	10 nS
	32,0 MHz -99,9 9MHz	6 nS	5 nS
	100 MHz -156 MHz	4 nS	4 nS
Input current max.	0,5 MHz -9,99 MHz	10 mA	15 mA
	10,0 MHz -19,99 MHz	15 mA	20 mA
	20,0 MHz -31,9 9MHz	25 mA	30 mA
	32,0 MHz -49,99 MHz	35 mA	40 mA
	50,0 MHz -79,99 MHz	50 mA	50 mA
	80,0 MHz -99,99 MHz	60 mA	60 mA
	100,0 MHz -156,0 MHz	80 mA	80 mA
Tristate	Yes		
Output load	15 pF		
Aging	±3 ppm		



IO - Oscil.																										
QS-Digits:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18								
QS- Eingabe/Enter:	I	O	1	4	0	2	4	,	0	0	0	M	0	3	,	3	B	B								
Bezeichnung/Indic.:	Gruppe		Grösse		Frequ./FRQ/Fliesskomma							Hz	Spannung/V			Fst	TR									
IO Applications: WLAN GPS WIFI Cell Phones Digital TV	IO Oscillators		Size code + packg. code 1-13 =3K/RL, ab 14 = 1K/RL									H/K/M/G				Frequency Stability	oper. Temp. in °C									
																		A	10							
																		B	20							
																		C	30							
																		D	40							
																		E	50							
																		F	80							
																		G	160							
																		H	200							
																		I	100							
J	oth.																									
											<table border="1"> <tr> <td>A</td><td>= 0°C to +70°C</td> </tr> <tr> <td>B</td><td>= -20°C to +70°C</td> </tr> <tr> <td>C</td><td>= -20°C to +80°C</td> </tr> <tr> <td>D</td><td>= -25°C to +85°C</td> </tr> <tr> <td>E</td><td>= -40°C to +85°C</td> </tr> <tr> <td>F</td><td>= -40°C to +104°C</td> </tr> <tr> <td>G</td><td>= best</td> </tr> </table>		A	= 0°C to +70°C	B	= -20°C to +70°C	C	= -20°C to +80°C	D	= -25°C to +85°C	E	= -40°C to +85°C	F	= -40°C to +104°C	G	= best
A	= 0°C to +70°C																									
B	= -20°C to +70°C																									
C	= -20°C to +80°C																									
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E	= -40°C to +85°C																									
F	= -40°C to +104°C																									
G	= best																									

IR - Reson.																	
QS-Digits:	1	2	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
QS- Eingabe/Enter:	I	R	Z	T	T	C	C	0	0	2	,	0	0	0	M	G	
Bezeichnung/Indic.:	Gruppe		Bezeichnung / Item Code							Frequency							Design Mode
IR Applications: DAB Cable Modem Remote Control	IR Resonator																Design Mode